



## Pender County

Contaminant	Number of wells tested	Minimum	Maximum	Average	<u>Maximum Contaminant Level (MCL)</u> * Secondary MCL	Units	Number of wells tested above MCL	Percentage of wells tested above MCL	Number of wells below MCL	Percentage of wells tested below MCL
<a href="#">1,2-Dibromoethane</a>	4	0.25	0.25	0.25	0.05	µg/L	0	0.00%		
<a href="#">1,2-Dichloropropane</a>	4	0.25	0.25	0.25	5	µg/L	0	0.00%		
<a href="#">Arsenic</a>	937	0.5	164	3.1	10	µg/L	20	2.13%		
<a href="#">Barium</a>	575	50	50	50	2,000	µg/L	0	0.00%		
<a href="#">Benzene</a>	3	0.25	0.25	0.25	5	µg/L	0	0.00%		
<a href="#">Cadmium</a>	700	0.5	10.6	0.9	5	µg/L	1	0.14%		
<a href="#">Chromium</a>	582	5	576	6.2	100	µg/L	1	0.17%		
<a href="#">cis-1,2-Dichloroethene (c-DCE)</a>	18	0.25	0.25	0.25	70	µg/L	0	0.00%		
<a href="#">Copper</a>	937	25	4,320.00	34.90	1,300*	µg/L	2	0.21%		
<a href="#">Ethylbenzene</a>	8	0.25	0.25	0.25	700	µg/L	0	0.00%		
<a href="#">Fluoride</a>	1,327	100	21,510.00	365.40	4,000*	µg/L	14	1.06%		
<a href="#">Iron</a>	808	25	48,200.00	998.70	300*	µg/L	420	51.98%		
<a href="#">Isopropyl Ether</a>	4	0.25	0.25	0.25	No drinking water standard	µg/L				
<a href="#">Lead</a>	941	2.5	68	2.9	15	µg/L	9	0.96%		
<a href="#">Magnesium</a>	813	3,300	3,500.00	3,404.60	No drinking water standard	µg/L				
<a href="#">Manganese</a>	934	15	1,520.00	37.20	50*	µg/L	152	16.27%		

Contaminant	Number of wells tested	Minimum	Maximum	Average	Maximum Contaminant Level (MCL) * Secondary MCL	Units	Number of wells tested above MCL	Percentage of wells tested above MCL	Number of wells below MCL	Percentage of wells tested below MCL
<a href="#">Mercury</a>	682	0.3	0.3	0.3	2	µg/L	0	0.00%		
<a href="#">Methyl tertiary butyl ether (MTBE)</a>	18	0.25	0.25	0.25	20* (recommended taste and odor threshold)	µg/L	0	0.00%		
<a href="#">Nitrate</a>	1,376	500	22,870.00	713.00	10,000	µg/L	0	0.00%		
<a href="#">Nitrite</a>	1,402	50	50	50	1,000	µg/L	0	0.00%		
<a href="#">pH</a>	813	4.2	9.3	7.7	6.5-8.5*	standard units	76	9.35%	31	3.81%
<a href="#">Selenium</a>	574	2.5	9	2.5	50	µg/L	0	0.00%		
<a href="#">Silver</a>	574	25	25	25	100*	µg/L	0	0.00%		
<a href="#">Sodium</a>	566	1,000	880,000.00	17,983.00	No drinking water standard	µg/L				
<a href="#">Tetrachloroethylene (PCE)</a>	18	0.25	0.25	0.25	5	µg/L	0	0.00%		
<a href="#">Toluene</a>	4	0.25	0.25	0.25	1,000	µg/L	0	0.00%		
<a href="#">trans-1,2-Dichloroethene (t-DCE)</a>	18	0.25	0.25	0.25	100	µg/L	0	0.00%		
<a href="#">Trichloroethylene (TCE)</a>	18	0.25	0.25	0.25	5	µg/L	0	0.00%		
<a href="#">Vinyl chloride</a>	18	0.25	0.25	0.25	2	µg/L	0	0.00%		
<a href="#">Xylenes (Total)</a>	4	0.25	0.25	0.25	10,000	µg/L	0	0.00%		
<a href="#">Zinc</a>	932	25	10,800.00	66.00	5,000*	µg/L	1	0.11%		

\* **Secondary MCL:** Secondary contaminants may cause cosmetic effects (such as skin or tooth discoloration) or aesthetic effects (such as taste, odor, or color) in drinking water.<sup>8</sup> The **Secondary Maximum Contaminant Level (SMCL)** is a non-enforceable standard for secondary contaminants in drinking water. SMCLs may be based upon a contaminant's likelihood to cause changes to the taste, odor, or color of drinking water, or, may be based on the likelihood of the contaminant to cause technical changes such as damage to water fixtures or an increased availability of other contaminants in drinking water.<sup>8</sup>

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